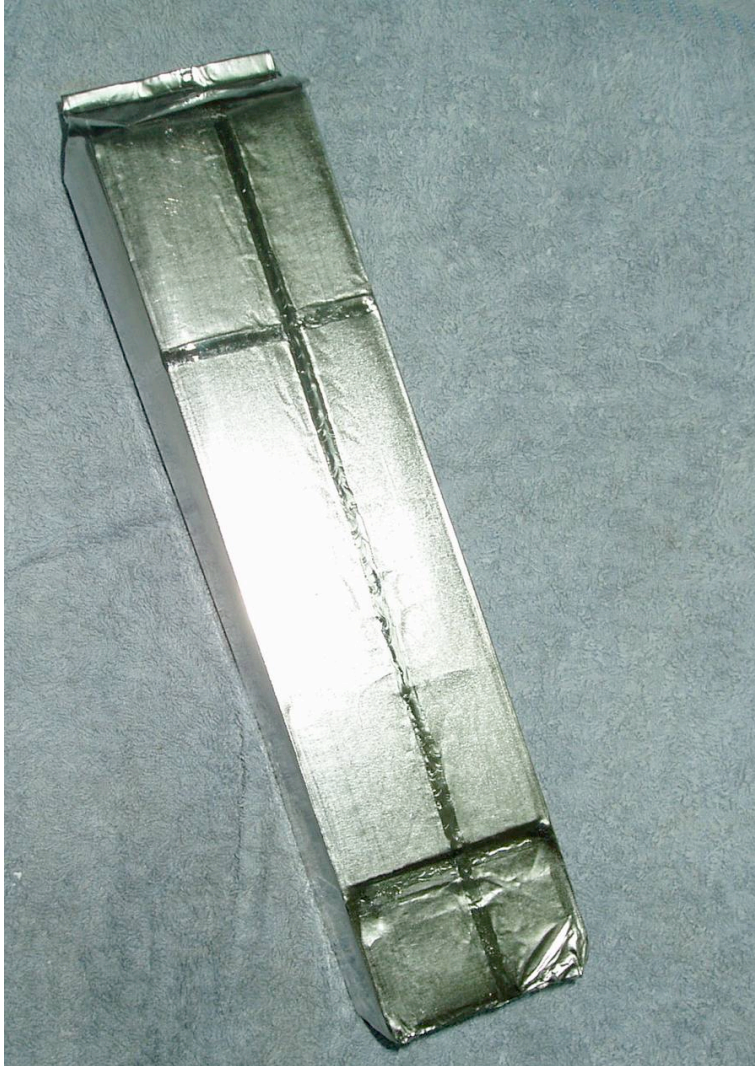


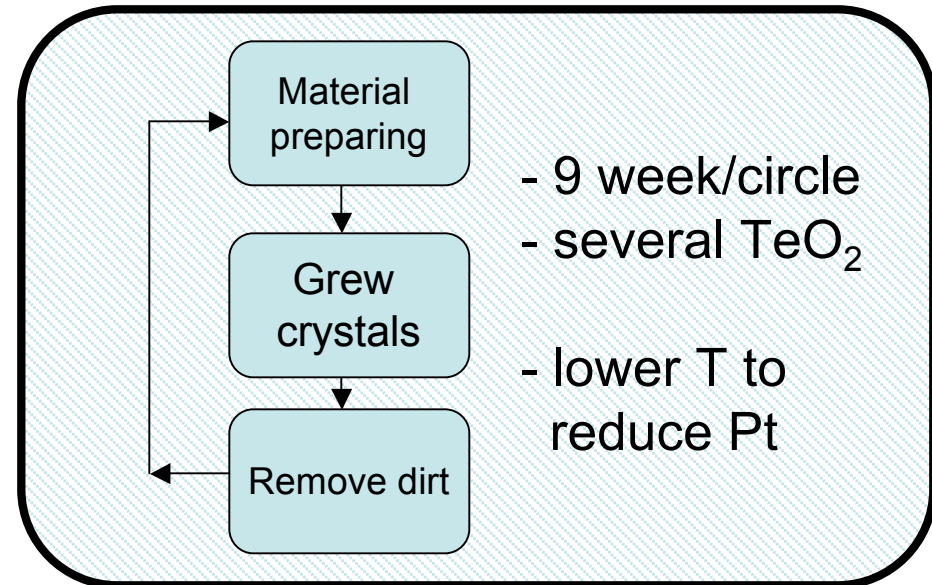
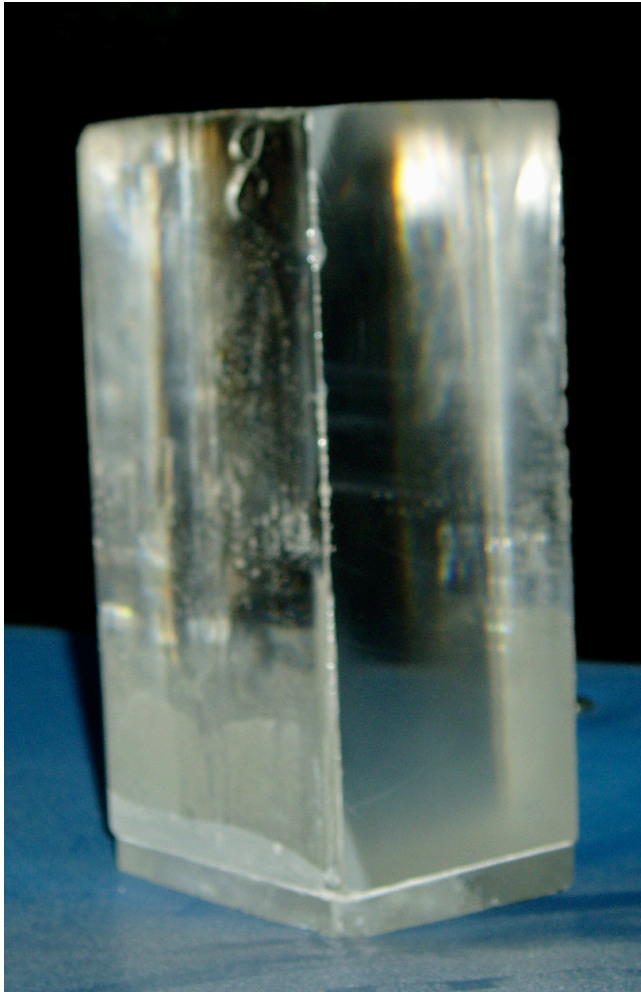
TeO₂ Crystal Production at SICCAS

(Shanghai Institute of Ceramics Chinese Academy of Science)

Pt Crucible

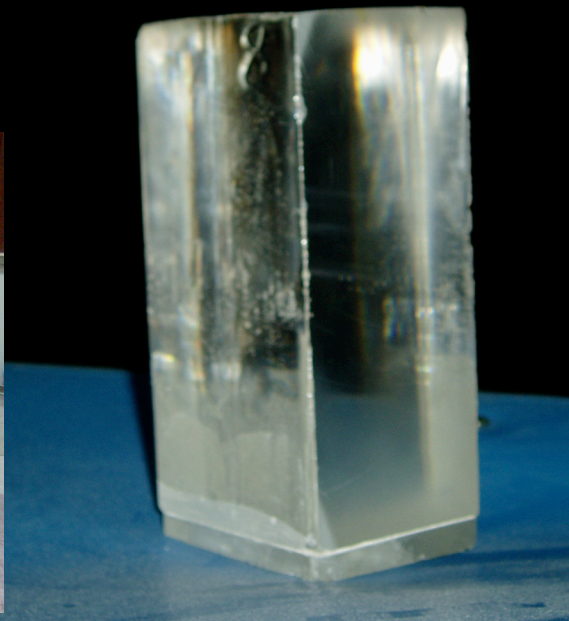


Crystals Growing



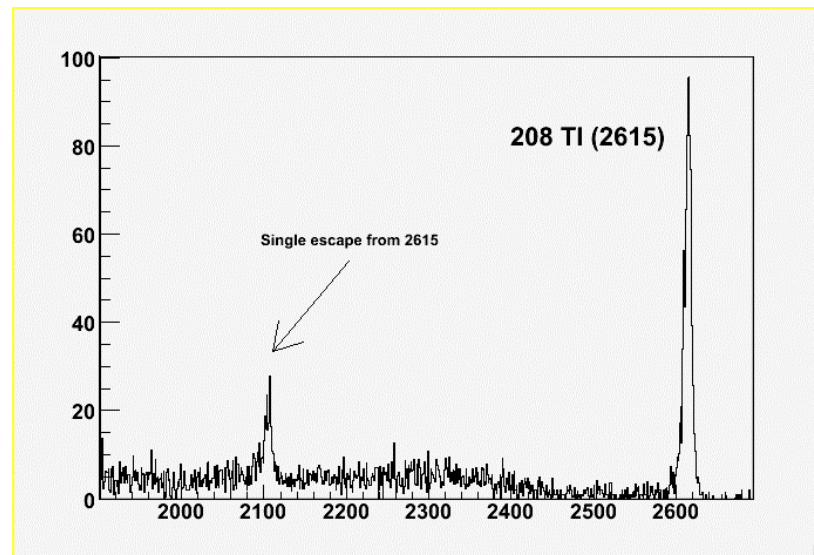
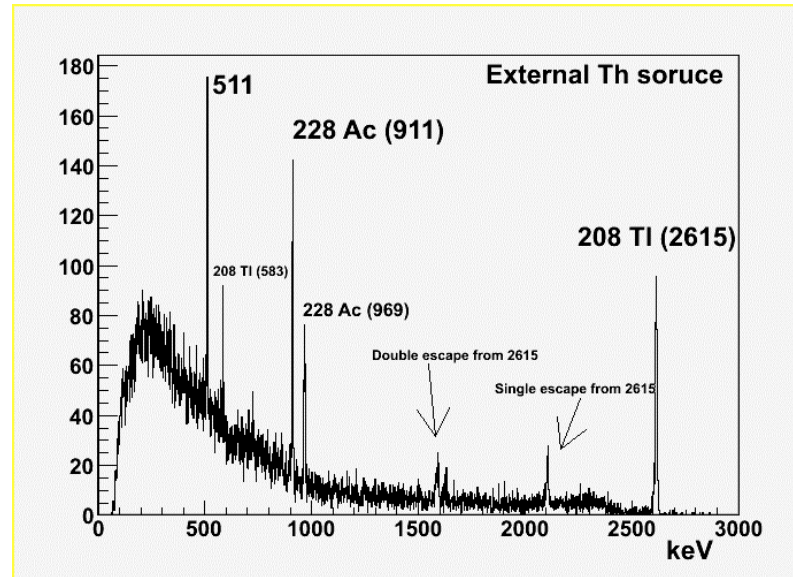
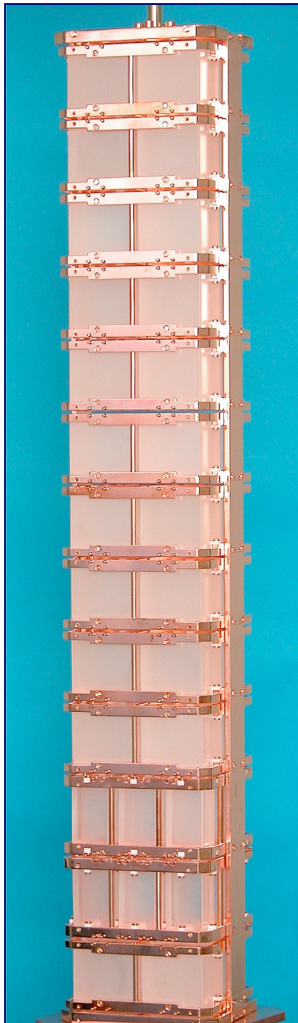
- few months after contract batches of TeO_2 shipping possible
- 18-24 months to finish 1000 crystals
- accuracy: 0.05mm
- SINAP: -50m well mass storage

Crystals processing



SICCAS crystals work well

CUORECINO tower



Data from
Tom Gutierrez

Production Site - Jiading



Scientific Satellite City: Jiading

- Nuclear research institute: SINAP
- SICCAS production site
- Shanghai University
- ...
- ~ 1 hr. drive from downtown Shanghai





Mass production experience

CERN L3	BGO	\$18M
KEK/SLAC B-factory	ICs	\$10M
CERN LHC CMS	ICs	\$3M
US PET Company		\$20M/yr.



Summary

- SICCAS: professional, experienced for mass production, very cooperative
- Site: Easy access from Shanghai, friendly people, good food